

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	((retainer or retaining or retain) with (ring or member)) with ((first adj ring) with resin)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/24 08:38
L2	4	"451".\$ccls. ((first with ring with resin) (second with ring with (metal or ceramic)))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/24 08:41
L3	10	("20010011003" "5679065" "5695392" "5795215" "5916412" "5931725" "5993302" "6024630" "6432258" "6585850").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/24 08:41
L4	17	("5205082"   "5423558"   "5584751"   "5605488"   "5635083"   "5643061"   "5645474"   "5695392"   "5759918"   "5851140"   "6077385"   "6251215").PN. OR ("6585850").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/24 08:43
L5	34	("5205082"   "5423558"   "5584751"   "5605488"   "5635083"   "5643061"   "5695392"   "5759918"   "5851140").PN. OR ("6251215").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/24 09:02
L6	41	((retain or retaining or retainer) with ring) with (abrasive with particles)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/24 09:07
L7	33	((retain or retaining or retainer) with ring) with (formed with abrasive)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/24 09:07
L8	33	7 not 6	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/24 09:29
L9	0	("2002/0155797").URPN.	USPAT	AND	ON	2006/08/24 09:47
L10	0	((retain or retaining or retainer) with ring with structure)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/24 10:02
L11	6549	((retain or retaining or retainer) with ring with structure)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/24 10:02
L12	190	((retain or retaining or retainer) with ring with structure) same (plastic metal)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/24 10:09

## EAST Search History

L13	2	((retain or retaining or retainer) with ring with structure with abrasive) same (plastic metal)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/24 10:03
L14	22	12 pad	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/08/24 10:09
L15	17	("5205082"   "5423558"   "5584751"   "5605488"   "5635083"   "5643061"   "5645474"   "5695392"   "5759918"   "5851140"   "6077385"   "6251215").PN. OR ("6585850").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/24 10:10
L16	10	("5584751"   "5762539"   "5795215"   "6113480"   "6196905"   "6273804"   "6290577"   "6494774"   "6585850"   "6663466").PN. OR ("6840845").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/24 10:34
L17	1	("6251215").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 11:21
L18	3712	(451/285-288).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 11:22
S1	1414	(451/287).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 08:37
S2	6	"451"/\$.ccls. (((polishing or polish) with (appratus or method or device)) (top adj ring) (joint with sliding))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/06/12 11:50
S3	10	("20010011003" "5679065" "5695392" "5795215" "5916412" "5931725" "5993302" "6024630" "6432258" "6585850").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/06/12 11:47
S4	8	"451"/\$.ccls. (((polishing or polish) with (appratus or method or device)) (top adj ring) same(ball adj joint))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/06/12 12:10
S5	1	("20010011003").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/12 12:15

## EAST Search History

S6	0	S5 metal ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/06/12 12:15
S7	0	S5 ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/06/12 12:15
S8	1	S5 rubber	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/06/12 12:15